Benedetto Barabino

List of Publications by Year
in descending order

46 papers	862 citations	430874 18 h-index	526287 27 g-index
47 all docs	47 docs citations	47 times ranked	474 citing authors

#	Article	IF	Citations
1	Measuring service quality in urban bus transport: a modified SERVQUAL approach. International Journal of Quality and Service Sciences, 2012, 4, 238-252.	2.4	81
2	Survey on e-Powered Micro Personal Mobility Vehicles: Exploring Current Issues towards Future Developments. Sustainability, 2021, 13, 3692.	3.2	62
3	Fare evasion in proof-of-payment transit systems: Deriving the optimum inspection level. Transportation Research Part B: Methodological, 2014, 70, 1-17.	5.9	41
4	Fare evasion in public transport systems: a review of the literature. Public Transport, 2020, 12, 27-88.	2.7	41
5	The Use of Drones for Last-Mile Delivery: A Numerical Case Study in Milan, Italy. Sustainability, 2022, 14, 1766.	3.2	37
6	An Integrated Approach to Select Key Quality Indicators in Transit Services. Social Indicators Research, 2020, 149, 1045-1080.	2.7	36
7	iABACUS: A Wi-Fi-Based Automatic Bus Passenger Counting System. Energies, 2020, 13, 1446.	3.1	33
8	Time Reliability Measures in bus Transport Services from the Accurate use of Automatic Vehicle Location raw Data. Quality and Reliability Engineering International, 2017, 33, 969-978.	2.3	31
9	An Offline Framework for the Diagnosis of Time Reliability by Automatic Vehicle Location Data. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 583-594.	8.0	31
10	Characterizing, measuring, and managing transit service quality. Journal of Advanced Transportation, 2016, 50, 818-840.	1.7	30
11	Evaluating bus accident risks in public transport. Transportation Research Procedia, 2020, 45, 443-450.	1.5	29
12	An Offline Framework for Handling Automatic Passenger Counting Raw Data. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 2443-2456.	8.0	26
13	Bus crash risk evaluation: An adjusted framework and its application in a real network. Accident Analysis and Prevention, 2021, 159, 106258.	5.7	26
14	Regularity diagnosis by Automatic Vehicle Location raw data. Public Transport, 2013, 4, 187-208.	2.7	25
15	On sustainable positioning of electric vehicle charging stations in cities: An integrated approach for the selection of indicators. Sustainable Cities and Society, 2022, 85, 104067.	10.4	24
16	Rethinking bus punctuality by integrating Automatic Vehicle Location data and passenger patterns. Transportation Research, Part A: Policy and Practice, 2015, 75, 84-95.	4.2	23
17	Rethinking Transit Time Reliability by Integrating Automated Vehicle Location Data, Passenger Patterns, and Web Tools. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 756-766.	8.0	22
18	Automatic recognition of â€œlow-qualityâ€•vehicles and bus stops in bus services. Public Transport, 2018, 10, 257-289.	2.7	21

#	ARTICLE	IF	CITATIONS
19	Regularity analysis on bus networks and route directions by automatic vehicle location raw data. IET Intelligent Transport Systems, 2013, 7, 473-480.	3.0	19
20	Standing Passenger Comfort: A New Scale for Evaluating the Real-Time Driving Style of Bus Transit Services. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4665-4678.	8.0	19
21	On the Attributes and Influencing Factors of End-users Quality Perceptions in Urban Transport: An Exploratory Analysis. Procedia, Social and Behavioral Sciences, 2013, 87, 18-30.	0.5	17
22	Empirical Study on the Accuracy and Precision of Automatic Passenger Counting in European Bus Services. Open Transportation Journal, 2019, 13, 250-260.	0.6	17
23	Evaluating alternative methods to estimate bus running times by archived automatic vehicle location data. IET Intelligent Transport Systems, 2019, 13, 523-530.	3.0	16
24	Moving Towards a More Accurate Level of Inspection Against Fare Evasion in Proof-of-Payment Transit Systems. Networks and Spatial Economics, 2019, 19, 1319-1346.	1.6	14
25	Managing Data and Rethinking Applications in an Innovative Mid-sized Bus Fleet. Transportation Research Procedia, 2017, 25, 1899-1919.	1.5	13
26	Diagnosis of Irregularity Sources by Automatic Vehicle Location Data. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 152-165.	3.8	13
27	A modified model to curb fare evasion and enforce compliance: Empirical evidence and implications. Transportation Research, Part A: Policy and Practice, 2013, 58, 29-39.	4.2	12
28	Identifying and Selecting Key Sustainable Parameters for the Monitoring of e-Powered Micro Personal Mobility Vehicles. Evidence from Italy. Sustainability, 2021, 13, 9226.	3.2	12
29	SEGMENTING FARE EVADER GROUPS BY FACTOR AND CLUSTER ANALYSIS. WIT Transactions on the Built Environment, 2017, , .	0.0	11
30	Estimating operating speed for county road segments â€" Evidence from Italy. International Journal of Transportation Science and Technology, 2023, 12, 560-577.	3.6	11
31	What are the determinants in making people free riders in proof-of-payment transit systems? Evidence from Italy. Transportation Research, Part A: Policy and Practice, 2015, 80, 184-196.	4.2	9
32	Vulnerable Users and Public Transport Service: Analysis on Expected and Perceived Quality Data. Lecture Notes in Computer Science, 2020, , 673-689.	1.3	9
33	On-Board Comfort of Different Age Passengers and Bus-Lane Characteristics. Lecture Notes in Computer Science, 2020, , 658-672.	1.3	8
34	First experimental comparison between e-kick scooters and e-bikeâ€™s vibrational dynamics. Transportation Research Procedia, 2022, 62, 743-751.	1.5	8
35	Identifying Irregularity Sources by Automated Location Vehicle Data. Transportation Research Procedia, 2017, 27, 1179-1186.	1.5	6
36	An Offline Framework for the Diagnosis of Transfer Reliability Using Automatic Vehicle Location Data. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 163-182.	3.8	6

#	Article	IF	Citations
37	Do students, workers, and unemployed passengers respond differently to the intention to evade fares? An empirical research. Transportation Research Interdisciplinary Perspectives, 2020, 7, 100215.	2.7	5
38	Accessibility to Local Public Transport in Cagliari with Focus on the Elderly. Lecture Notes in Computer Science, 2020, , 690-705.	1.3	5
39	Assessing the Intention to Evade Fares for Demographic Segments of Passengers: Empirical Research in Italy for Building Smart(er) Cities. Journal of the Urban Planning and Development Division, ASCE, 2022, 148, .	1.7	5
40	Transferâ€™s monitoring in bus transit services by Automatic Vehicle Location data. Transportation Research Procedia, 2022, 60, 402-409.	1.5	2
41	Segmenting fare-evaders by tandem clustering and logistic regression models. Public Transport, 2023, 15, 61-96.	2.7	2
42	Road Network Safety Screening of County Wide Road Network. The Case of the Province of Brescia (Northern Italy). Sustainable Civil Infrastructures, 2022, , 525-541.	0.2	2
43	A framework to measure transit service quality areas to be managed. International Journal of Productivity and Quality Management, 2015, 16, 390.	0.2	1
44	SELECTING KEY QUALITY INDICATORS IN PUBLIC TRANSPORT SYSTEMS USING A ROBUST METHOD. , 2018, , .		1
45	A New Framework to Evaluate Crash Risk for Road Traffic Safety Management System. Lecture Notes in Computer Science, 2021, , 573-587.	1.3	0
46	Identifying clusters and patterns of road crash involving pedestrians and cyclists. A case study on the Province of Brescia (IT). Transportation Research Procedia, 2022, 60, 512-519.	1.5	0